

ABSTRACT

A method and system for a handoff in a broadcast communication system is disclosed. A subscriber-assisted handoff is impractical in a broadcast communication system due to e.g., a high signaling load, a difficulty to synchronize the broadcast transmission. On the other hand, the small number of broadcast channels enables the subscriber station to perform the handoff autonomously. While performing a handoff between broadcast transmissions, a disruption of service occurs due to lack of synchronization among the broadcast transmissions. To reduce the service disruption, upon detecting a need for handoff, the lower layers inform the application layer about the forthcoming handoff. The application layer thus may take measures to reduce or prevent the disruption.

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